

**Figure 1**

WMKWEREIDNYTSYIYTTLIEESQNQQEKNELELLE  
WLQWDKEINNYTEIIYKLIEDSQNQQEKNEQDLLA  
WMQWDKEINNYTNIIYRLIEESQNQQEKNEQDLLA  
WTQWDREISNYTELIYSLIEKSQNQQEKNEQELLA  
WMEWENEINNYTGIIYQLIEQSQNQQEKNEQDLLA  
WMQWEKEIDNYTSLIYTTLIEESQNQQEKNEQELLG  
WMQWEKEIDNYTSLIYTTLIEESQNQQEKNEQELLG  
WMQWEREIDNYTSLIYTTLIEESQNQQEKNEQELLE  
WMQWDREISNYTELIYSLIEKSQNQQEKNEQELLA  
WMEWERQIDNYTNEIYTTLIEQAQNQQEKNELELLE  
WMEWERQIDNYTNEIYALIEQAQNQQEKNELELLE  
WMEWERQIDNYTNEIYTTLIEQAQNQQEKNELELLE  
WMQWEKEIENYTGLIYNLIEESQNQQEKNEQDLLA  
WMEWEKEISNYTDLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTDLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTDLIYNLIEESQNQQEKNEQELLE  
WMQWEREIDNYTDLIYTTLIEESQNQQEKNEQELLT  
WMQWEREIDNYTDEIYRLIEQSQNQQEKNEQELLE  
WMEWEREIDNYTSLIYSLIEESQNQQEKNEQELLE  
WMEWEREIRNYTDLIYTTLIEKSQNQQEKNEQELLE  
WMEWEREISNYTDLIYTTLIEKSQNQQEKNEQELLE  
WMKWEREIDNYTSYIYTTLIEESQNQQEKNELELLE  
WMEWEREIDNYTSLIYTTLIEESQNQQEKNEQDLE  
WMDWEREIDNYTSLIYTTLIEESQNQQEKNEQELLG  
WMQWEREIDNYTDEIYRLIEQSQNQQEKNEQELLE  
WQQWDKEISNYTQIIYELIEESQNQQERNEKDLE  
WMEWEREIDNYTDLIYSLIEKSQKQQEQNEQELLE  
WMEWDREINNYTSLIHSLIEESQNQQEKNEQELLE  
WMQWDKEISNYTQTIYNLIEKSQIQQEKNEQDLLA  
WMEWDREIDNYTHLIYTTLIEESQNQQEKNEQELLQ  
WLQWDKEISNYTDIIYNLIEESQIQQEKNEQELLA  
WIEWEKEINNYTELIYNLIEISQNQQEKNEQELLE  
WLQWDKEISNYTEIIYQLIEKSQNQQEKNEQDLMA  
WMEWEREIDNYTDEIYRLIEQSQNQQEKNEQELLE  
WMEWEREIDNYTDEIYRLIEQSQNQQEKNEQELLE  
WMEWEREIDNYTSLIYSLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTTLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTNEIYTTLIEKAQNQQEKNELELLE  
WMEWEKEIDNYTNEIYTTLIEKAQNQQEKNELELLE  
WLQWDKEISNYTNLIYSLIEESQNQQEKNEQDLLA  
WMEWEREIGKYTGIIYSLIEESQYQQEKNEKELLE  
WMQWDKEISNYTEIIYKLIIEESQNQQEKNEQDLLA  
WMEWEREIDNYTSLIYTTLIEESQNQQEKNEQELLG  
WMQWEKEIDNYTSLIYTTLIEESQNQQEKNELDLLE  
WMEWEKEIDNYTNEIYTTLIEKAQNQQEKNELELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTHLIYNLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTTLIEESQNQQEKNEQDLE  
WLQWDKEISNYTDLIYQLIEDSQNQQEKNEQDLLA

Figure 1 (continued)

WMEWEKEISNYTHLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTHLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WLEWDREIRQYTGIYNLIEESQNQQEKNEQDLLA  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMQWEREINNYTSLIYTLIEESQNQQEKNEQELLE  
WLQWDREISNYTDIYNLIEESQNQQEKNEQDLLA  
WLQWDREISNYTQIIYTLIEESQNQQEKNEQDLLA  
WMQWEKEIDNYTDLIYTLIEQSQNQQERNEQELLE  
WMEWEREIDNYTDEIYRLIEQSQNQQEKNEQELLE  
WMEWEREIDNYTDEIYRLIEQSQNQQEKNEQELLE  
WQQWEREIEINYTDYIYNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTNIIYKLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTGIIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGIIYTLIEESQNQQEKNEQELLE  
WIEWEREIDNYTDIIYSLIEKSNQQEKNEQELLE  
WMEWEREINNYTDLIYTLIEESQNQQEKNEQELLE  
WMEWEKEIENYTSIIYTLIEKSNQQEINEQELLA  
WMDWEREIDNYTSLIYTLIEESQNQQEMNEQELLE  
WMEWEKEIDNYTNEIYTLIEKAQNQQEKNELELLE  
WMKWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEREINNYTDLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTQIIYELIEESQNQQEKNEQELLA  
WIEWEREIDNYTGVIYSLIENSQIQQEKNEQDLLQ  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTGIIYTLIEESQNQQEKNELELLE  
WMEWEREINNYTNLIYTLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMQWEKEIGNYTGLIYNLIEISQNQQEKNEQELLE  
WMEWEKEINNYTRLIYTLIEESQNQQEKNEQELLA  
WMEWEREINNYTDLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTDIIYSLIEESQIQQEKNEQDLLA  
WLQWDKEISNYTQIIYDLIEESQNQQEKNEQDLLA  
WLEWDKEISNYTQIIYNLIEQSQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYSLIEEAQNQQEKNEQDLLS  
WMEWEREINNYTNLIYNLIEESQNQQEKNEQDLLA  
WMQWDKEINNYTEIIYGLIEESQKQQEKNEFELLE  
WLQWEKEISNYTEIIYNLIEESQNQQEKNEQDLLA  
WMQWEREIDNYTSLIYNLIEESQNQQEKNEQELLE  
WMQWEREIDNYTNIIYTLIEESQNQQEKNELELLE  
WLQWDKEISNYTNKIYTLIEESQNQQEKNEQDLLA  
WMQWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTHTIYTLIRESQNQQDKNEQDLLA  
WMQWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTQIIYDLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTGIIYTLIEQSQNQQERNEQELLE  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE

Figure 1 (continued)

WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTQIIYNLIEESQIQQKKNEQDLLA  
WMQWEKEINNYTGLIYTLIEESQNQQEKNEQELLE  
WMQWEREIDNYTSLIYNLIEESQNQQEKNEQELLE  
WLQWDREISNYTNKIYELIEESQNQQEKNEQDLLA  
WMQWEREIDNYTGLIYHLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMQWEREIDNYTSLIYNLIEESQNQQEKNEQELLE  
WMQWEKEIENYTGVIYNLIEKSNQQEKNEQELLE  
WLQWDKEINNYTELIYSLIEDSNQQEKNEQDLLA  
WMQWEREIDNYTGLIYTLIEQSNQQEKNEQELLE  
WMEWEREIDNYTNLIYTLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTEKIYTLIEEAQNQQEKNEQDLLA  
WMEWEKEIDNYTGVIYRLIEESQTQQEKNEQELLQ  
WLQWDKEISNYTSVIYTLIEESQNQQERNEQELLA  
WLEWDREISNYTDKIYALIEESQNQQEKNEQELLA  
WMQWEREIDSYTNTIYDLIAESQNQQEKNEQELLE  
WMEWEKEIDNYTGVIYRLIEESQTQQEKNEQELLQ  
WMQWEREIDNYTSLIYNLIEESQNQQEKNEQELLE  
WMEWEREINNYTNLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTDIIYQLIEESQYQQEKNEKELLE  
WMEWEREINNYTNLIYTLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTGVIYRLIEESQTQQEKNEQELLQ  
WMQWEREIDNYTSLIYNLIEESQNQQEKNEQELLE  
WMQWEREIDSYTNTIYDLIAESQNQQEKNEQELLE  
WQQWDKEIGNYTQIIYSLIEESQNQQEKNEQDLLA  
WMQWEREIDNYTSLIYNLIEESQNQQEKNEQELLE  
WLQWDKEIHNYTQLIYNLIEESQNQQEKNEQDLLA  
WLQWDKEIGNYTDIIYRLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTGLIYTLIEQSQIQQEKNEQELLE  
WREWEKEIDNYTDLIYTLIEQSNQQEKNEQELLE  
WMEWEREINNYTGLIYNLIEESQNQQEKNEQELLE  
WMQWEKEISNHTSTIYRLIEESQIQQEKNEQDLLA  
WIEWDREINNYTQQIYSLIELSQTQQEKNEQDLLA  
WMQWEKEISNYTGIIYNLIEESQIQQEKNEKELLE  
WLQWDKEISNYTHIIYDLIEESQNQQEKNEQDLLA  
WMEWEREISNYTGIIYTLIEESQIQQEKNEQELLA  
WLEWDKEISNYTQQIYELIEESQIQQEKNEQDLLA  
WMEWEKEIDNYTGLIYTLIEQSNQQERNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTGVIYRLIEESQTQQEKNEQELLQ  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMQWEKEIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMQWEREIDNYTNIIYTLIEESQNQQEKNELELLE  
WMQWEREIDNYTDLIYTLIENSNQQEKNEQELLE

Figure 1 (continued)

WMEWEREINNYTSLIYTLIEESQIQQEKNEQELLG  
WLQWDKEINNYTHIIYQLIEESQNQQEMNEQDLLQ  
WLQWDKEISNYTQIIYELIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQMIYELIEESQNQQEKNEQDLLA  
WMEWEREISNYTRTIYTLIEESQNQQEKNELELLE  
WMEWEREINNYTGLIYTLIEESQNQQEKNEQELLA  
WMEWEREIDNYTNLIYTLIEESQNQQEKNEQDLLA  
WMQWEKEIDNYTSIIYSLIEESQTQQEKNEQELLA  
WMEWEKEIDNYTSLIYNLIEKSQNQQEKNEQELLE  
WMEWEREIDNYTSLIYSLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYSLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTSLIYNLIEKSQNQQEKNEQELLE  
WMEWEREIDNYTGLIYDLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGLIYNLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGLIYNLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGLIYNLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGLIYNLIEESQNQQEKNEQELLE  
WMEWEKEIGNYTDTIYRLIESAQNQQEKNEQDLLA  
WMEWEREIDNYTGLIYNLIEKSQNQQEKNEQELLE  
WMEWEREINNYTGEIYRLIEKSQNQQEKNEQELLE  
WMDWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREINNYTGEIYKLIIEKSQNQQEKNEQELLE  
WMEWEREINNYTGEIYKLIIEKSQNQQEKNEQELLE  
WMEWEREINNYTGEIYRLIEKSQNQQEKNEQELLE  
WMEWEREINNYTGEIYKLIIEKSQNQQEKNEQELLE  
WMEWEREINNYTGEIYKLIIEKSQNQQEKNEQELLE  
WLQWEKEISNYTDIIYSLIEESQNQQEKNEQDLLA  
WMEWDKEISNYTNLIYTLIEESQNQQEKNEQELLE  
WREWEREIDNYTELIYSLIEESQSQQEKNEQELLQ  
WMEWEKEIDNYTGEIYSLIEKSQTQQEKNEQELLQ  
WLQWDKEISNYTHIIYELIEESQKQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQTQQEKNELELLK  
WMQWEREIDNYTRLIYTLIEESQNQQEKNEQDLLV  
WMEWEREIDNYTNLIYTLIEESQNQQEKNEKDLLE  
WMDWEREINNYTGIIYNLIEESQNQQEKNELDLLE  
WLQWDREISNYTEIIYKLIIEESQNQQEKNEQDLLA  
WIEWEKEIDKYTGVIYNLIEESQTQQEKNEQELLE  
WMEWEREIDNYTGLIYRLIEESQNQQEQNEQDLLK  
WMEWDREINNYTNLIYTLIEESQNQQEKNEKDLLE  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNEQELLE  
WREWEREIHNYTKLIYSLIEESQNQQEKNEQELLE  
WMQWEREIDSYTNTIYDLIAESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMQWEREIDNYTGLIYSLIEESQNQQEKNEKDLLE  
WMQWEREIDNYTGLIYNLIEESQIQQEKNEKELLE  
WMQWKREIDNYTGLIYTLIEESQYQQERNEKELLE  
WLQWDKEISNYTDLIYSLIEESQNQQEKNEQELLA  
WMQWEKEIDNYTSLIYTLIEESQNQQEKNEQELLA  
WLQWDKEIDQYTNTIYRLIEESQNQQEKNEQDLLA  
WMEWEKEIDNYTGFIYSLIEESQIQQEKNEQELLQ  
WLQWDKEISNYTDIIYNLIEESQNQQEKNEKDLLE

Figure 1 (continued)

WIEWDREINNYTSIIYSLIEESQNQQEKNEQEELLE  
WMEWEREIDNYTSLIYTLIEQSONQQEKNEQEELLE  
WMQWEREIDNYTHLIYTLIEESQNQQEKNEQEELLE  
WMEWEREIDNYTGLIYSLIEESQTQQEKNEQDLLQ  
WLQWDKEINNYTNIIYELIEESQNQQEKNEQDLLA  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQEELLE  
WMEWEREIDNYTGLIYRLIEESQTQQEKNEQEELLE  
WMQWEREIDNYTGLIYTLIQISQIQQEKNEQEELLE  
WLQWDREISNYTEMIYKLIIEESQNQQEKNEQDLLA  
WMDWEREIDNYTSLIYTLIEESQNQQEKNEQEELLG  
WMQWEKEIDNYTSLIYTLIEESQNQQEKNEQEELLG  
WMQWEREIDNYTGLIYTLIEESQNQQEKNEQEELLE  
WMEWEREINNYTTEEIYNLIEKSONQQEKNEQEELLE  
WLQWDKEISNYTQIIYGLIEESQIQQEKNEQDLLA  
WLQWDKEISNYTQIIYSLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTNLIYNLIEESQIQQEKNEQEELLQ  
WMEWEREINNYTGLIYTLIEESQNQQGRNEQEELLK  
WMEWEREIDNYTGLIFSLIEESQVQQERNEKELLE  
WLQWDKEISNYTQTIYRLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTGIIYSLIEESQTQQEKNEQEELLQ  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEHEELLE  
WMEWEREIDNYTGLIYSLIGESQNQQEKNEQDILLE  
WMEWDREINNYTSLIHSLIEESQNQQEENEQEELLE  
WMEWEREIDNYTGLIYNLIEKSONQQEKNEQEELLE  
WMEWDREINNYTSLIHSLIDESQNQQEKNEQEELLE  
WIEWEREIDDYTGIIYTLIEESQNQQEKNEQEELLE  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNEQEELLE  
WMQWEREIDNYTGIIYNLIEESQNQQEKNEQEELLE  
WMEWEKEISNYTNVIYNLIEESQNQQEKNEHEELLE  
WMEWDREINNYTSLIHSLIEESQNQQEENEQEELLE  
WMEWEREIDNYTGLIYTLIEESQNQQEKNEQEELLE  
WMEWDREINNYTSIIYSLIEESQNQQEKNEQEELLE  
WMQWEKEIENYTGIIYTLIEESQNQQEKNEQDLLA  
WLEWDKEISNYTQIIFDLIEESQIQQEKNEQDLLA  
WMEWDREINNYTSLIYTLIEESQNQQEKNEQEELLE  
WMEWEREIDNYTGLIYTLIEQSONQQEKNEQEELLE  
WMEWEREISNYTKEIYTLIEQSONQQEKNEQEELLA  
WLQWDKEIDNYTEIYRLIEDSQTQQEKNEQDLLA  
WMEWEKEIDNYTGVIYRLIEESQTQQEKNEQEELLQ  
WLQWDKEINNYTQLIYRLIEESQNQQEKNEKELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNELEELLE  
WMEWEREIDNYTGLIYTLIEQSONQQERNEQEELLE  
WMEWEREIEENYTGIIYTLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQLIYSLIEKSQTQQEINEQEELLA  
WMEWEREIDNYTNLIYNLIEESQTQQEKNEKDILLE  
WMEWEREIDNYTKEIYNLIEESQNQQEKNEQEELLE  
WMEWEREIDNYTGVIYNLIEASQTQQEKNEQDILLE  
WMEWEREIDNYTNLIYSLIEDSQIQQEKNEKELLE  
WMQWEREISNYTELIYSLIEESQNQQEKNEQEELLE  
WMEWEREIEENYTDLIYSLIEESQNQQEKNELEELLE  
WLEWEREIDNYTSLIYSLIEESQSQQEKNEQEELLE

Figure 1 (continued)

WMEWEREIDNYTSLIYSLIEESQNQQVKNEQELLE  
WMEWEREIDNYTNLIYSLIEDSQIQQEKNEKELLE  
WMQWEKEIDNYTSLIYNLIEVSQNQQEKNEQELLE  
WMQWEREIDNYTDIIYKLIEKSNQQEKNEQELLE  
WMEWEREIDNYTSLIYSLIEESQNQQVKNEQELLE  
WMEWEKEIDNYTGLIYTLIEQSNQQEKNEQELLA  
WMEWERQIDNYTNEIYTLIEQSNQQEKNELELLE  
WMEWERQIDNYTNEIYTLIEQSNQQEKNELELLE  
WMEWEREINNYTGLIYNLIEDSQIQQEKNEQELLQ  
WMQWEREIDNYTGLIYTLIEESQTQQEKNEQELLQ  
WMDWEREIDNYTGLIYSLIEESQNQQEKNEKELLE  
WMEWEREINNYTDEIYKLIEKSNQQEKNEQELLA  
WMQWEREIDNYTDLIYSLIEESQNQQEKNEQELLA  
WMQWDKEISNYTGIIYDLIEESQVQQEKNEKDLLE  
WMEWDREINNYTNLIYNLIEQSQTQQEKNEQELLE  
WMEWDREINNYTSLIYTLIEESQNQQEKNEQELLE  
WMQWEKEIDNYTKTIYSLIEDAQNQQERNEQELLA  
WMQWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMQWEREIDNYTGLIYTLIEESQNQQEKNEQELLA  
WMEWEKEIDNYTGLIYSLIEDSQIQQEKNEQDLLQ  
WMEWEKEIDNYTGLIYTLIEESQIQQEKNEQDLLE  
WMEWEREIDNYTGLIYTLIEESQIQQEKNEQELLE  
WIQWDREISNYTQQIYSLIEESQNQQEKNEQDLLA  
WMEWEREINNYTDLIYNLIEESQNQQEKNEQELLE  
WMQWEREIDKYTDVIYTLIGESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTDIIYDLIEQSNQQEKNEQDLLA  
WIQWEREINNYTGIIYSLIEEAQNQQETNEKDLLA  
WMKWEKEINNYTDLIYTLIEESQNQQEKNEQELLK  
WMQWEKEIDNYTDVIYTLIEQSNQQEKNEQELLE  
WIQWDREINNYTQLIYNLIEQSQTQQEKNEQDLLA  
WMEWEREIDNYTGLIYTLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTELIYSLIEVSQIQQEKNEQELLK  
WMEWEKEIDKYTGLIYSLIEESQTQQEKNEQELLQ  
WMEWEKEIDNYTGLIYSLIEESQIQQEKNEQDLLQ  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREISNYTGLIYNLIEESQIQQEKNEKDLLE  
WMQWEKEISNYTGTIYKLIENAQNQQEKNEQDLLA  
WMEWEREIDNYTNTIYTLIEESQNQQEKNEQELLE  
WMQWEKEINNYTGLIYNLIEESQNQQEKNEQELLA  
WMQWEKEINNYTGLIYNLIEESQNQQEKNEQELLA  
WMEWEREIDNYTNTIYTLIEESQNQQEKNEQELLE  
WLEWEREIHNYTQHIYSLIEESQNQQEKNEQDLLA  
WMQWEKEINNYTGLIYNLIEESQNQQEKNEQELLA  
WMQWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEKEIDNYTGLIYSLIEESQTQQERNEQELLQ  
WLQWDKEISNYTEIIYSLIEESQNQQEKNEQDLLA  
WLEWDKEISNYTQLIYTLIEESQNQQEKNEQELLA  
WLEWEREIDNYTSLIYSLIKESQNQQEKNEQELLE  
WMEWEKEIDNYTGLIYSLIEESQTQQEKNEQELLQ  
WIQWEREINNYTGIIYSLIEEAQNQQENNEKDLLA

Figure 1 (continued)

WLEWEREIDNYTSLIYSLIEESQNQQEKNEQELLE  
WMEWEKEIENYTNTIYTLIEESQIQQEKNEQELLE  
WMEWEREIGKYTGVIYNLIEESQTQQEKNEQELLO  
WMEWEKEIENYTNTIYTLIEESQIQQEKNEQELLE  
WMEWEREIDNYTSEIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTNLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSEIYTLIEESQNQQEKNEQELLE  
WMQWDREINNYTSLIYTLIEESQNQQEKNEKELLE  
WMQWEKEISNYTGTYRLIEVAQNQQEQNEQELLA  
WMEWDREIENYTSYIYTLIEESQNQQEKNEQELLA  
WMEWEREIDNYTSIIYSLIEESQNQQGKNEQELLE  
WMEWEREIDNYTGLIYSLIEESQNQQEKNEQDLLE  
WMQWEREIEENYTSLIYTLIEESQNQQEKNEQELLA  
WMQWEREIDNYTGLIYSLIEESQSQQEKNEQELLE  
WLQWDKEINNYTQLIYSLIEKSQTQQEINEQELLA  
WMEWEREIGNYTNIYTLIEESQNQQEKNEQELLE  
WREWEQEIDKYTNTIYSLIEESQTQQEKNEQDLLQ  
WMQWEREIDNYTSLIYTLIEESQDQQEKNEQGLLE  
WLQWEKEISNYTDTIYALIEDSQNQQEKNEQDLLA  
WMEWEREIDNYTGLIYSLIEESQIQQEKNEKELLE  
WIEWDREINNYTQQIYNLIEESQNQQEKNEQELLA  
WMQWEREIEENYTGLIYTLIEESQNQQEKNEQELLA  
WIEWDREINNYTQQIYSLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WMEWEREIDNYTGLIYSLIEESQIQQEKNEKELLE  
WMEWDKEISNYTQIIYGLIEDSQKQQEKNEQELLE  
WIKWEREIDNYTQTIYTLIEESQNQQEKNEQDLLA  
WMQWEKEIENYTGLIYTLIEESQNQQERNEQDLLA  
WLQWDKEISNYTQIIYNLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTSLIYSLIEESQIQQEKNEQDLLQ  
WLQWDKEISNYTEIYSLIEESQNQQEKNEQDLLA  
WMKWEREIDNYTHIYSLIEQSQNQQEKNEQELLA  
WMQWEREIDNYTGLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTNTIYTLIAESQNQQEKNEQELLE  
WMEWEREIDNYTNTIYTLIAESQNQQEKNEQELLE  
WMEWEREIGKYTGVIYNLIKESQTQQEKNEQELLO  
WMEWEREIDNYTNTIYTLIAESQNQQEKNEQELLE  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WLQWDKEINNYTQLIYSLIEKSQTQQEINEQDLLA  
WMEWEREINKYTSQIYGLIEESQIQQEKNEKELLE  
WMEWEKEIDNYTSLIYSLIEESQTQQEKNEQELLA  
WMEWEREIDNYTGLIYSLIEESQTQQEKNEQELLO  
WMQWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGLIYSLIEESQTQQEKNEKELLA  
WMEWEREIDNYTGLIYSLIEESQTQQEKNEQELLO  
WREWEKEIDNYTGLIYTLIEDAQNQQEKNEQDLLA  
WMEWEREIDNYTGLIYNLIEESQIQQEKNEQELLO  
WIEWDREINNYTQQIYSLIEESQSQQEKNEQDLLA  
WMEWEREINNYTGLIYTLIEESQNQQEKNEQELLA  
WMEWEREIDNYTGLIYSLIEDSQIQQEKNEQELLK  
WMQWEKEIDNYTNLIYTLIEESQNQQEKNEQELLA

Figure 1 (continued)

WIEWDREINNYTQQIYSLIEESQYQQEKNEQELLA  
WMEWDREINNYTSIIYSLIEESQNQQEKNEQELLE  
WMEWEREINNYTGLIYNLIEESQNQQEKNEQELLA  
WMEWEKEIDNYTELIYNLIEESQTQQEKNEQELLQ  
WLQWEKEISNYTQIIYTLIEESQNQQEKNEQDLLA  
WLQWEKEISNYTQIIYTLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTGLIYSLIEASQVQQEKNEQELLE  
WMEWEREIDNYTGMIIYTLIEESQIQQEKNEKELLE  
WMEWEREIDNYTGMIIYTLIEESQIQQEKNEKELLE  
WMEWEREIDNYTGMIIYTLIEESQIQQEKNEKELLE  
WIQWEKEISNYTDTIYRLIEGAQNQQEKNEQNLLA  
WIEWEREIDNYTKVIYTLIEESQNQQEKNEQDLLA  
WMEWEREISNYTEIIYSLIEESQNQQEKNELDLLQ  
WMEWEREISNYTEIIYSLIEESQNQQEKNELDLLQ  
WMQWEKEISNHTSTIYRLIEESQIQQEKNEQDLLA  
WMEWEKEIGNYTDTIYRLIESAQNQQEKNEQDLLA  
WMEWEREISNYTDLIYTLIEKSNQQEKNEQELLE  
WMQWEKEISNYTDTIYRLIENSQNQQEKNEQDLLA  
WMEWEREINNYTGLIYTLIEQSNQQEKNEQELLA  
WMQWEKEIDNYTKTIYSLIEDAQNQQERNEQELLA  
WMEWEREINNYTGLIYTLIEQSNQQEKNEQELLA  
WMEWEREINNYTNLIYTLIEESQNQQEKNEKELLE  
WMEWEREINNYTGLIYTLIEQSNQQEKNEKELLE  
WMEWEREINNYTGLIYTLIEQSNQQEKNEQELLA  
WMEWDREINNYTSLIHSLIEESQNQQEMNEQELLE  
WREWDREINNYTSLIHSLIEESQNQQEKNEQELLE  
WLQWDKEINNYTQTIYRLIEESQNQQEKNEKELLE  
WLQWDKEINNYTQTIYRLIEESQNQQEKNEKELLE  
WLQWDKEINNYTQTIYRLIEESQNQQEKNEKELLE  
WREWDREINNYTSLIHSLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQDLLA  
WMEWEREINNYTNLIYNLIEESQNQQEKNEQDLLA  
WMEWDREINNYTSLIHSLIEESQIQQEMNEQELLE  
WMEWEKEIDNYTGLIYTLIEESQIQQEKNEQELLE  
WMEWEREISNYTEIIYSLIEESQNQQEKNELDLLQ  
WMEWEKEISNYTNLIYNLIEESQNQQEKNEQELLE  
WMEWEKEISNYTHLIYNLIEESQNQQEKNEHELLE  
WMEWEREISNYTEIIYSLIEESQNQQEKNELDLLQ  
WMEWEREINNYTDEIYKLEKSNQQEKNEQELLA  
WMQWEREINNYTSLIYNLIEESQNQQEKNEQDLE  
WMQWEREINNYTSLIYNLIEESQNQQEKNEQELLE  
WLQWDKEINNYTETIYSLIEEAQNQQEKNEQDLLA  
WMEWEREINNYTGLIYTLIEESQNQQEKNEQELLA  
WMEWDREIHNYTSLIYTLIEESQNQQEKNEQDLE  
WMEWDREIHNYTSLIYTLIEESQNQQEKNEQDLE  
WMEWDREINNYTSLIYTLIEQSNQQEKNEQELLE  
WMEWDREIHNYTSLIYTLIEESQNQQEKNEQDLE  
WMEWDREIHNYTSLIYTLIEESQNQQEKNEQDLE  
WMEWDREINNYTSLIYTLIEQSNQQEKNEQELLE  
WMEWEREIDNYTDLIYTLIEESQNQQEKNEQELLA  
WMEWEREINNYTSLIYTLIEQSNQQEKNEQELLA



Figure 1 (continued)

WMQWEREIDNYTTLIYTLIEESQNQQEKNEQELLE  
WMEWEREIEINYTS LIYTLIEQSNQQEKNEQELLA  
WMEWEREIEINYTG LIYTLIEESQNQQEKNEQELLE  
WMEWEREISNYTEIIYSLIEESQNQQEKNEDLLQ  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNVLELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEEPQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNELELLK  
WMEWEKEIDNYTG LIYTLIEESQNQQEKNELELLK  
WMEWEREIDNYTG LIYSLIEESQYQQEKNEKDLE  
WLQWDKEINNYTETIYSLIEEAQNQQEKNEQDLLA  
WLQWDKEISKYTQIIYGLIEESQNQQEKNEQDLLA  
WIQWEREISNYTSKIYTLIEESQNQQDKNEQELLE  
WMEWEREINNYTSLIYTLIEESQNQQEKNEQELLA  
WMEWEKEISNYTDLIYTLIEESQTQQEKNEQELLQ  
WMEWEKEIDNYTG EIIYRLIEESQTQQEKNEQELLQ  
WMEWEREIDNYTEFIYSLIEKSQIQQEQNEQELLK  
WMEWEKEIDNYTG LIYSLIEESQTQQEKNEQELLQ  
WMEWEREIDNYTG LIYSLIEESQIQQEKNEQELLQ  
WREWEREIDNYTG LIYTLIEESQNQQEKNEQELLE  
WMQWDKEISKYTHIIYTLIEDSNQQEKNEQDLLA  
WMEWEREIDNYTSFIYSLIEESQVQQEKNEQELLQ  
WIEWEREIDNYTGVIYRLIEDSQIQQEKNEQDLLQ  
WMEWEKQIDNYTG LIYSLIEESQVQQEKNEQDLLQ  
WLQWDKEIDNYTDMIYRLIEDSNQQEKNEQDLLA  
WMEWEREIDNYTDLIYNLIEASQTQQEKNEQELLQ  
WMEWEREIDNYTG LIYNLIEESQIQQEKNEQELLQ  
WMEWEREIDNYTG LIYSLIEESQTQQEKNEQELLQ  
WREWEKEIDNYTG LIYSLIGESQIQQEKNEQDLLQ  
WMEWEREIDNYTDLIYSLIEESQTQQEKNEQDLLQ  
WMEWEREIDNYTNLIYTLIEDSNQQEKNEQELLE  
WMEWEREIDNYTG LIYTLIEESQTQQEKNEQELLQ  
WMQWDEEISNYTHIIYSLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTSIIYTLIEASQNQQEKNEQELLE  
WMEWEREIDNYTGIIYTLIEESQIQQENNEKDLE  
WMEWEREISNYTKAIYTLIEDSNQQEKNEQELLE  
WMEWEREIDNYTHIIYRLIEDSNQQEKNEQELLA  
WMEWEREIDNYTHIIYRLIEDSNQQEKNEQELLA  
WMEWEREIGSYTG LIYSLIEKSQIQQEKNEQELLQ  
WMQWEREIDNYTG LIYTLIEESQNQQEKNEQELLE  
WMEWDREISNYTSLIYSLIEKSQNQQEKNEQDLLA  
WMEWEREIGSYTG LIYSLIEKSQIQQEKNEQELLQ  
WMEWDREISNYTSLIYSLIEKSQNQQEKNEQDLLA  
WMEWEREIDNYTREIYTLIEQSNQQEKNELELLE

Figure 1 (continued)

WMEWEREIGNYTKEIYTLIEESQNQQEKNELELLE  
WMEWEREINNYTKEIYTLIEQSQNQEKNELELLE  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WMEWEREIDNYTGLIYSLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WMEWEREIGNYTREIYTLIEESQNQQEKNELELLE  
WMQWEKEIGNYTREIYTLIEQSQNQEKNELDLLE  
WMEWEREINNYTKEIYTLIEQSQNQEKNELELLE  
WMQWEREINNYTKEIYTLIEASQNQQEKNELELLE  
WMEWEREIDNYTKEIYTLIEKSQNQQEENELELLK  
WMEWEREIDNYTREIYTLIEESQNQQEKNELDLLE  
WMEWEREIDNYTKEIYTLIEQSQNQEKNEQELLE  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WMQWEREIDNYTREIYTLIEQSQNQEKNELELLE  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WMEWEREIDNYTDLIYSLIEKSQKQQEQNEQELLE  
WMEWEREISNYTKQIYSLIEESQIQQEKNEQDLLA  
WMEWEREIDNYTGLIYSLIEESQTQQEKNEKELLA  
WMQWEREISNYTGEIYKLIEDAQTQQDRNEQDLLA  
WLQWDKEISNYTQIYELIEESQNQQEKNEQELLA  
WMEWEREIDNYTGLIYSLIEESQTQQEKNEQELLA  
WLQWDKEIDNYTQLIYGLIEESQNQQEKNEQDLLA  
WMEWEKEIDNYTEVIYNLIEKSQNQQEKNEQELLE  
WMQWEKEISNYTGTIYRLIEVAQNQQEQNEQELLA  
WLQWDKEISNYTQIYELIEESQNQQEKNEQELLA  
WLQWEKEISNYTDTIYRLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTNIIYNLIEESQNQQEKNEQELLA  
WMEWEREIDNYTGLIYNLIEESQIQQEQNEKELLE  
WLQWDKEISNYTQIYYNLIEESQNQQEKNEQELLA  
WMQWEKEIDNYTDLIYSLIEASQNQQEKNEQELLA  
WLQWDREISNYTDLIYDLIEESQKQQEKNEQDLLA  
WIQWEKEISNYTDTIYRLIEGAQNQQEKNEQDLLA  
WLQWEKEISNYTDLIYDLIEQSQNQEKNEQELLA  
WMQWEKEISNYTGIYYNLIEESQIQQEKNEKELLE  
WLQWDKEISNYTDIIYSLIEESQIQQEKNEQDLLA  
WMEWEREIGNYTSLIYTLIEESQNQQEKNEQELLE  
WMEWEREISNYTKQIYSLIEESQIQQEKNEQDLLA  
WMQWEREIDNYTGIYQLIEESQTQQEKNEKELLE  
WLQWDKEISNYTNLIYALIEESQNQQEKNEQDLLA  
WMEWEREIDNYTSLIYNLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTSLIYNLIEESQNQQEKNEQDLLA  
WMEWEKEIDNYTSLIYSLIEKSQTQQEQNEQELLO  
WIEWEREINNYTQQIYSLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTHIIYDLIEESQNQQEKNEQDLLA  
WLEWEREIHNYTQQIYTLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTNIIYDLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTETIYMLIEQSQNQEKNEQDLLA  
WLQWDKEISNYTDIIYHLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYALIEESQNQQEKNEQDLLA  
WMQWEKEIDNYTELIYSLIEESQVQQEKNEQDLLQ  
WMEWEREINNYTNLIYNLIEESQYQQEKNEQDLLA

Figure 1 (continued)

WMEWEREINNYTNLIYNLIEESQYQQEKNEQDLLA  
WMEWEREIDNYTNLIYNLIEESQYQQEKNEQDLLA  
WMEWEREINSYTQVIYSLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTNLIYNLIEESQYQQEKNEQDLLA  
WMQWDREISNYTQQIYSLIEESQNQQEKNEQELLA  
WMDWDREISNYTQIIYGLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQVIYSLIEESQNQQEKNEQDLLA  
WIEWEREISNYTQQIYSLIEESQNQQEKNEQDLLA  
WQQWDKEIDNYTSIIYNLIEESQYQQEKNEQELLA  
WLQWDKEISNYTDIIYDLIEESQNQQEKNEKDLLE  
WLQWDKEISNYTNLIYNLIEESQNQQEKNEQDLLA  
WLQWDREISNYTHIIYDLIEEAQNQQEKNEQDLLA  
WLQWDKEISNYTETIYKLIIEESQNQQEKNEKDLLE  
WLQWDKEISNYTDIIYKLIIEESQNQQEKNEQDLLA  
WIQWDREISNYTETIYNLIEESQNQQEKNEQDLLA  
WLQWDKEINNYTDIIYNLIEESQKQQEKNEKDLLE  
WLQWDKEISNYTDIIYGLIEESQNQQEKNEQELLA  
WIQWEREINNYTQQIYSLIEESQNQQEKNEQDLLA  
WLEWDKEISNYTETIYTLIEKAQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYELIEESQNQQEKNEQDLLA  
WLQWDKEIDNYTSIIYSLIEESQNQQEKNEQELLA  
WLQWDKEISNYTDIIYNLIEESQNQQEKNEKDLLE  
WMQWEKEISNYTNTIYTLIEDAQNQQEKNEQDLLA  
WMQWDKEISNYTQIIYTLIEESQSQQERNELDLLS  
WLQWDKEISNYTDIIYRLIEESQNQQEKNEQDLLA  
WLQWDREISNYTDIIYNLIEESQNQQEKNEQDLLS  
WLQWDKEISNYTSIIYELIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQVIYSLIEESQNQQEKNEKDLLE  
WLQWDKEISNYTNIIYGLIEESQNQQEKNEQDLLA  
WLQWDKEINNYTELIYGLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQTIYDLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYGLIEEAQNQQEKNEQDLLA  
WLQWDKEISNYTNLIYDLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTETIYNLIEESQNQQEKNEKDLLE  
WLQWDKEINNYTDIIYNLIEESQNQQEKNEKDLLE  
WLQWDKEISNYTHIIYSLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTGIIYNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYNLIEESQNQQEKNEKDLLE  
WLQWDREIDNYTSIIYRLIEESQDQQEKNEQDLLA  
WLQWDKEIDNYTNIIYELIEESQNQQEKNEQDLLA  
WIQWDREISNYTQQIYRLIEESQNQQEKNEQDLLA  
WMQWDREISNYTKQIYSLIEESQNQQEKNEQELLA  
WIQWDREISNYTQQIYRLIEESQNQQEKNEQDLLA  
WMQWDREISNYTQQIYSLIEESQNQQEKNEQELLA  
WIEWDREISNYTDIIYRLIEESQNQQEKNEEDLLA  
WMQWDREISNYTQQIYRLIEESQNQQEKNEQELLA  
WLQWDREINNYTQTIYRLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQEIYKLIIEESQNQQEKNEQDLLA  
WIEWEREISNYTQQIYSLIEESQNQQEKNEQELLA  
WMQWEREIDNYTGVIYSLIEESQIQQEKNEKELLE

Figure 1 (continued)

WMQWEKEIDNYTGIIYTLIEKSQVQQEENEKELLE  
WLQWDKEISNYTSIIYNLIEESQNQQEKNEQDLLA  
WIDWEREINNNTQQIYSLIEESQSQQEKNEQDLLA  
WLQWDKEIDNYTSIIYKLIIEESQYQQEINEQELLA  
WMQWEQEIDNYTGIIYTLIEESQVQQEKNEKELLE  
WIQWEREIDNYTELIYSLIEESQTQQEKNEQDLLQ  
WMEWEKEIENYTGIIYSLIEESQTQQEKNEQELLQ  
WLQWDKEISNYTNLIYNLIEESQNQQEKNEQDLLA  
WMEWEKEIDNYTGIIYSLIEESQTQQEKNEQELLE  
WLQWDKEISNYTQIIYTLIEESQNQQEKNEQELLA  
WLQWDKEISNYTETIYKLIIEESQIQQEKNEQDLLA  
WLQWDKEISNYTQLIYQLIEESQNQQEKNEQDLLA  
WIEWEREIDNYTGIIYNLIEESQTQQEKNEQDLLQ  
WMEWEREIDNYTGIIYSLIEESQVQQEKNEQELLQ  
WMEWEREISNYTDTIYKLIIEESQNQQEKNEQDLLA  
WLQWDREISNYTEEIYKLIIEESQNQQEKNEQDLLA  
WLEWEREIDNYTGIIYSLIEESQTQQEKNEQELLQ  
WLQWDKEISNYTQIIYQLIEESQNQQEKNEQDLLA  
WIEWEREIDNYTGIIYSLIEESQIQQDKNEQDLLQ  
WLQWDKEISNYTQIIYQLIEESQNQQEKNEQELLA  
WMEWEKEIDNYTGIIYSLIEESQTQQEKNEQELLE  
WMQWEKEIDNYTGIIYSLIEESQTQQEINEQELLQ  
WMEWEREIDNYTGFIYSLIEDSQQIQQNINEKELLE  
WMEWEKEIHNYTGIIYSLIEESQTQQEKNEQELLQ  
WLQWDREISNYTEIYNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTNIIYTLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQIIYTLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQIIYFNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYRLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDTIYRLIEKSQNQQEKNEQDLLA  
WMEWEREIDNYTGIIYSLIEKSQVQQEQNEQELLQ  
WLQWDKEIDQYTDTIYRLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTNIIYDLIEQSQNQQEKNEQDLLA  
WTEWEREISNYTQQIYTLIEKSQNQQEKNEQDLLS  
WMEWEREIDNYTGIIYTLIEQSQNQQEKNEQELLE  
WIQWEREISNYTSIIYTLIEESQNQQEKNEQELLE  
WMEWEKEISDYTGIIYNLIEESQNQQEKNEQELLE  
WMQWEREIDNYTGIIYTLIEQSQNQQERNEQELLE  
WLQWDREISNYTNIIYELIEESQNQQDKNEQDLLA  
WMEWEREIDNYTSLIYTLIEQSQNQQEKNEQELLE  
WMEWEREIDNYTGIIYNLIEQSQNQQERNEQELLE  
WMEWEREIGNYTGLIYTLIEQSQNQQEKNEQELLE  
WMEWEREISNYTSTIYTLIEEAQNQQEKNEQELLE  
WMEWEREIDNYTGYIYSLIEESQNQQEKNEQDLE  
WMQWEREIDNYTGIIYTLIEESQTQQEKNEKELLE  
WMQWDKEIDNYTSLIYSLIEESQNQQEKNELELLE  
WLQWDREISNYTDIIYDLIEKSQNQQEKNEQDLLA  
WLQWDKEISNYTDTIYGLIEAAQKQDQNEQELLA  
WLQWDKEIGNYTNIYRLIEESQTQQEKNEQDLLA  
WMQWEKEIDNYTSLIYTLIEESQNQQEKNEQELLA  
WMQWEREIDNYTNIIYNLIEESQYQQEKNEQELLE

Figure 1 (continued)

WMEWEREIDNYTNLIYNLIEESQNQQEKNEQELLE  
WMQWEKEIDNYTGLIYTLIAESQNQQEKNEQELLE  
WMQWEKEIENYTDLIYTLIEESQNQQEKNEQELLQ  
WMEWEKEINNYTGLIYTLIEESQNQQEKNEQELLS  
WMEWDREINNYTNIIYSLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTDTIYKLIIEAQNQQEKNEQDLLS  
WMEWEREIDNYTGLIYTLIEQSNQQEKNEQELLE  
WMEWEREIDNYTNVIYTLIEQSNQQEKNEQELLE  
WMQWEREINNYTGLIYNLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTELIYSLIEQSNQQEKNELELLE  
WMQWEKEIDNYTGLIYTLIEESQNQQEKNEKDLE  
WMEWEREIDNYTDIIYNLIEESQNQQEKNEQDLLK  
WMEWEREIDNYTNLIYTLIEESQNQQEKNEQELLE  
WMQWEKEIDKYTGVIYDLIEESQNQQEKNEQELLE  
WMEWEREIDNYTSLIYSLITESQNQQDKNEQELLE  
WMQWEREIDNYTQLIYTLIEDSNQQEKNEQELLA  
WMEWEKEIDNYTGLIYTLIEESQNQQEKNEQELLE  
WMEWEREINNYTGLIYTLIEESQNQQEKNEQELLE  
WMEWEREIHNYTGLIYSLIEESQIQQEKNEQELLQ  
WMEWEREISNYTSTIYTLIEESQNQQEKNEQELLA  
WMEWEREIDNYTGLIYSLIAESQNQQEINEKELLE  
WQQWDKEISNYTSIIYSLIEKSNQQEKNEQELLA  
WMEWEREIDNYTGLIYTLIEESQIQQEKNEQDLLA  
WMDWEREIDNYTGLIYTLIEQSNQQEKNEQDLE  
WMEWEREIDNYTRLIYTLIEESQIQQEKNEQELLE  
WMEWEKEINNYTSEIYRLIEQSNQQEKNEQELLA  
WMEWDREINNYTKLIYTLIEESQNQQEKNEKELLE  
WMQWEREIDNYTGLIYSLIEESQTQQEKNELELLE  
WMQWEREIDNYTSLIYSLIQESQNQQEQNEQDLLA  
WMEWEREIDNYTNIIYGLIEESQYQQENNEQDLLD  
WMQWEREIDNYTDLIYTLIEKSNQQEKNEQELLE  
WMDWEREIDNYTGLIYTLIEESQNQQEKNEQELLE  
WMKWEREIEENYTDIIYNLIEKSNQQEKNEQELLE  
WMEWEREIGNYTREIYTLIEESQNQQEKNELELLE  
WMQWDREINNYTGLIYTLIGEADQQEKNEKELLE  
WMEWEREIDNYTREIYTLIEESQNQQEKNELELLE  
WMQWEREIDNYTGEIYRLIEESQNQQEKNELDLLK  
WRQWEKEINNYTGLIYNLIEESQNQQEKNEQELLE  
WMQWEREIDNYTSTIYSLIQESQSQQEKNELELLE  
WIEWEREIDNYTSLIYTLIEQSNQQEKNEQELLE  
WMEWEREINNYTSLIYTLIEESQNQQEKNEQELLA  
WMEWEREISNYTSEIYKLIIEISQNQQEKNEQELLA  
WLQWDKEISNYTDIIYDLIEESQNQQEKNEQDLLA  
WIQWDREINNYTQQIYSLIEESQIQQEKNEQDLLA  
WMEWEREISNYTSTIYTLIEEAQNQQEKNELELLE  
WMEWEREIDNYTREIYTLIEESQNQQEKNELDLE  
WMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLE  
WLQWDKEIGNYTDLIYNLIEESQNQQEKNEQDLLA  
WMQWEQEIDNYTNLIYNLIEESQNQQEKNEQELLE  
WMQWEKEISNYTGKIYTLIEEAQNQQEKNEQELLE  
WMQWEKEIDNYTGIIYSLIEESQNQQEKNEQELLE

WMEWEREIDNYTGLIYSLIEESQNQQEKNEQELLE  
WMEWEREIDNYTGLIYSLIEESQIQQEKNEKDLE  
WMQWEKEIENYTGLIYTLIEESQNQQEKNELDLLS  
WMEWEREIDNYTSLIYTLIEESQNQQEKNELELLE  
WMEWEKEIDNYTSLIYTLIEESQNQQEKNEQDLE  
WMQWEKEIDNYTNIIYDLIEESQTQQEQNEQDLE  
WMEWDREINNYTQTIYSLIEESQNQQEKNEQELLA  
WMQWEKEINNYTGLIYNLIEESQNQQEKNEQELLE  
WMQWEKEIDNYTQIIYTLIEESQTQQEKNEQELLA  
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WMQWDREINNYTSLIYTLIEESQIQQEKNEKELLE  
WMEWEREIDNYTGLIYNLIEESQNQQEKNEQELLE  
WMEWEREIDNYTHIIYSLIEESQNQQEKNELELLE  
WMQWEKEIDNYTDLIYNLIEESQNQQEKNEQELLE  
WIEWDREINNYTQQIYSLIEESQIQQEKNEQELLS  
WMEWDREINKYTNEIYTLIEESQNQQEKNEQDLE  
WMEWEREIDNYTNEIYTLIEESQNQQEKNELELLE  
WMEWEKEIDNYTNLIYTLIEESQNQQEKNEKELLE  
WMEWEREIDNYTSFIYTLIEESQNQQEKNEQELLE  
WLQWDKEISNYTQIIYELIEESQNQQEKNEQDLE  
WLQWDKEISNYTHLIYSLIEESQIQQEKNEKDLE  
WLKWDKEISNYTGIIYRLIEESQNQQEMNEQDLE  
WLQWDKEISNYTQIIYTLIEESQNQQEKNEQELLA  
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WLQWDKEISNYTQIIYDLIEESQNQQEKNEHDLE  
WLQWDKEISNYTETIYNLIEESQNQQEKNEQELLA  
WLQWDKEISNYTQIIYELIEESQNQQEKNEQDLE  
WLQWDREIDNYTELIYRLIEESQNQQEKNEQDLE  
WLQWDKEISNYTQIIYNLIEESQNQQEKNEQELLA  
WLQWDKEISNYTQIIYDLIEESQNQQEKNEQDLE  
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WLQWDKEISNYTQIIYNLIEESQNQQEKNEQDLE  
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WIQWDKEISNYTEQIYKLIEDSNQQEKNERDLE  
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WLQWDKEISKYTGIIYRLIEDSNQQEKNEQDLE  
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WLQWDKEISNYTEIIYSLIEESQNQQEKNEQDLE  
WLQWDKEISNYTHIIYKLIIEESQNQQEKNEQDLE  
WLQWDKEISNYTHIIYNLIEESQNQQEKNEQDLE  
WLQWDKEISNYTDIIYKLIEDSNQQEKNEQDLE  
WLQWDKEISNYTEIIYTLIEESQNQQEKNEQELLA  
WLQWDREISNYTQIIYGLIEESQNQQEKNEQDLE  
WLQWDKEISNYTHIIYQLIEESQIQQEKNEQDLE  
WLQWDKEISNYTHIIYSLIEESQNQQEKNEQDLE  
WLQWDKEISNYTQIIYTLIEESQNQQEKNEQDLE

Figure 1 (continued)

WLQWDKEISDYTQIIYELIEESQNQQEKNEQDLLA  
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WLQWDKEISNYTNIIYNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTQIIYTLIEQAQNQQEKNEQDLLA  
WLQWDKEINNYTQIIYQLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYSLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTHIIYDLIEKSQSQQEKNEQDLLA  
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WLQWDKEISNYTSIIYDLIEESQNQQEKNEQDLLA  
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WLQWDREINNYTQIIYDLIEESQNQQEKNEQDLLA  
WMQWEKEISNYTNTIYTLIEVAQNQQEKNEQDLLA  
WLQWDREINNYTDIIYRLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYNLIEESQNQQEKNEQDLLA  
WLQWDREISNYTDIIYNLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTSIIYTLIEESQNQQEKNEQDLLA  
WLQWDKEINNYTSIIYGLIEESQNQQEKNEQDLLA  
WMQWEREIDNYTGVIYRLIEESQIQQETNEKELLQ  
WLQWDKEISNYTDIIYTLIEESQNQQEKNEQDLLA  
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WLQWDREISNYTEIIYGLIEESQNQQEKNEQDLLA  
WLQWDREISNYTHIIYTLIEESQNQQEKNEQDLLA  
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WMQWEREIDNYTGIIYSLIEESQIQQEKNEQELLE  
WMQWEKEIDNYTNIIYTLIEESQNQQEKNEQDLLA  
WMQWEKEIDNYTSLIYTLIEESQNQQERNEQELLE

WMEWEREIDNYTSLIYSLIEESQTQQEKNEQELLO  
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WMEWEREIDNYTNVIYNLIEESQNQQEKNEQDLLA  
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WLQWDREISNYTEKIYNLIEESQNQQEKNEQDLLA  
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WLQWDKEISNYTQIIYGLIEDSQNQQEKNEQELLA  
WQQWDREISNYTTIIYGLIEESQYQQEKNEQDLLA  
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WLQWDKEISNYTNKIYELIEESQNQQDKNEQDLLS  
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WMEWEREIDNYTSLIYTLIEESQTQQEKNEKELLE  
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WTEWEREIDNYTDEIYRLIEQSNQQEKNEQELLE  
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WLQWDKEISNYTEIYNLIEESQNQQEKNEQDLLA  
WMEWEREIDNYTNLIYTLIEESQNQQEKNEKELLE  
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WLQWDKEISNYTQIIYDLIEESQNQQEKNEQDLLA  
WLQWDKEISNYTDIIYHLIEKSNQQEKNEQDLLA  
WIEWEKEIDKYTGVIYNLIEESQTQQEKNEQELLE  
WMEWEREIDNYTGLIYTLIEESQNQQEKNEQDLLA  
WMQWEKEINNYTDLIYTLIEESQNQQEKNEQELLE  
WMQWEKEINNYTDLIYTLIEESQNQQEKNEQELLE



Fig. 2. Pharmacokinetics of unconjugated (SPI-30014Q) vs HSA-conjugated (SPI30014HSA) fusion inhibitor peptide in Sprague-Dawley rats

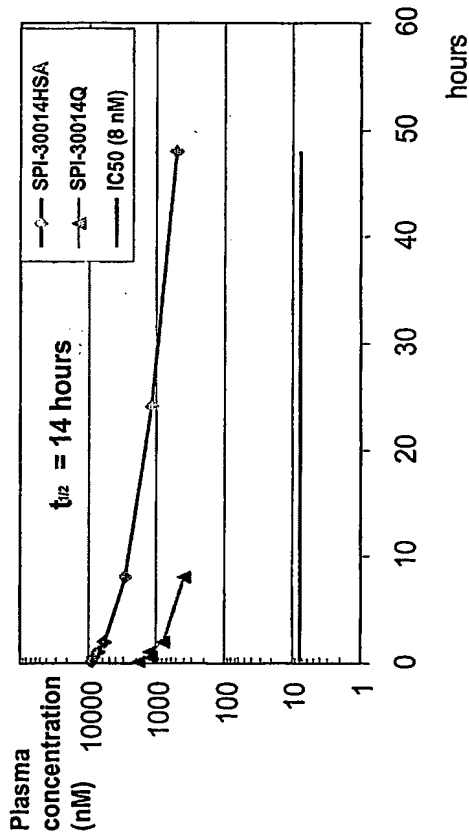


Fig. 3. Pharmacokinetics of unconjugated (SPI-70038Q) vs HSA-conjugated HIV (SPI-70038HSA) fusion inhibitor peptide in Sprague-Dawley rats

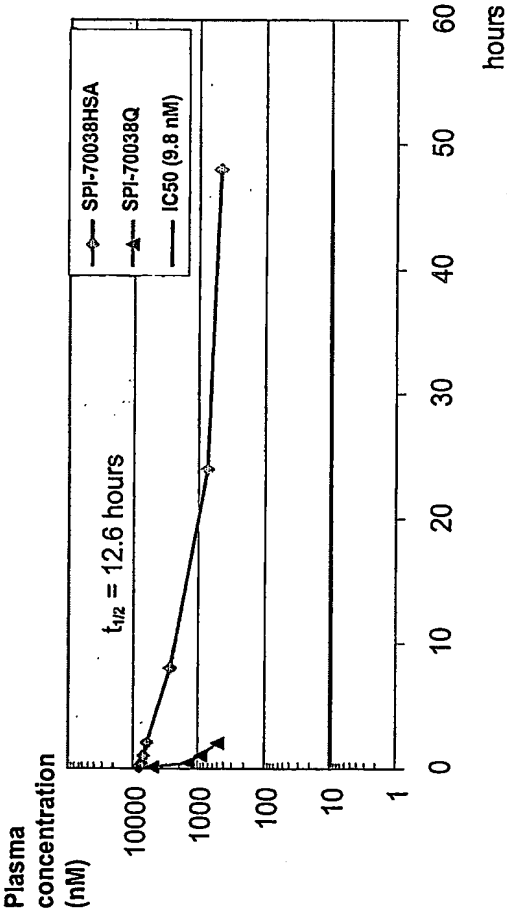


Fig. 4. Pharmacokinetics of Reactive peptide (SPI-30014) vs HSA-peptide conjugates (SPI-30014HSA) in Sprague-Dawley rats.

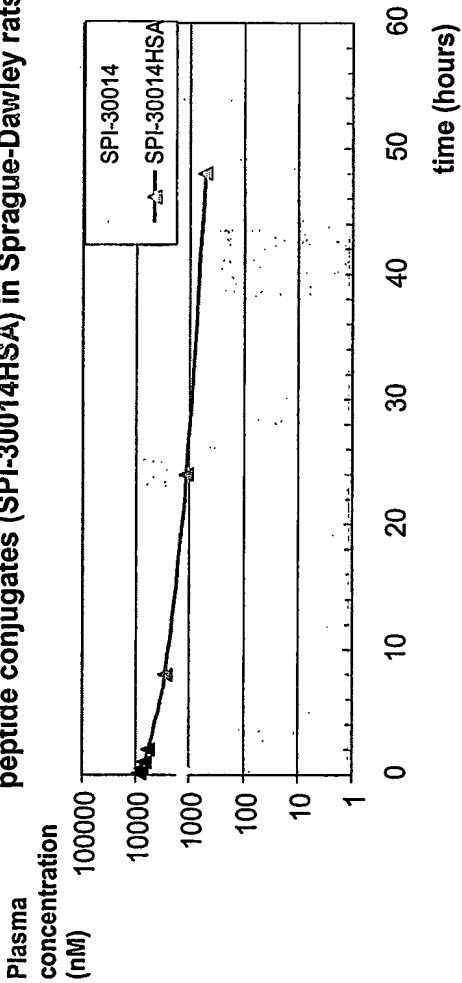


Fig. 5 Pharmacokinetics of reactive peptide (SPI-70038) vs HSA-peptide conjugate (SPI-70038HSA) in Sprague-Dawley rats

